

Title (en)

METHOD FOR OPTIMIZING FOSSIL-FUELED POWER STATIONS

Title (de)

VERFAHREN ZUR OPTIMIERUNG DES BETRIEBES VON FOSSIL BEFEUERTEN KRAFTWERKSANLAGEN

Title (fr)

PROCEDE D'OPTIMISATION DE L'EXPLOITATION DE CENTRALES A COMBUSTIBLE FOSSILE

Publication

EP 0941396 A1 19990915 (DE)

Application

EP 97951244 A 19971119

Priority

- DE 19649184 A 19961127
- DE 19748315 A 19971031
- EP 9706466 W 19971119

Abstract (en)

[origin: US6230495B1] In a method for optimizing operation of fossil fuel based power plants, in which the economical effects of the changes of selected operational parameters are determined under consideration of the required economical expenditure, and, based on these additional operational costs, it is determined if, when, and/or what kind of measures should be taken for minimizing the additional operational costs. According to the method, the improvement measures are initiated as a function of the cause of the additional operational costs according to a hierarchal catalog of measures. The measures are: an immediate intervention into the operational course; a later measure implemented during a short shutdown; a later measure implemented during a service shutdown; and/or an operational downtime for a revision.

IPC 1-7

F01K 13/02

IPC 8 full level

F01K 13/02 (2006.01)

CPC (source: EP US)

F01K 13/02 (2013.01 - EP US)

Citation (search report)

See references of WO 9823853A1

Designated contracting state (EPC)

AT DE DK ES FI FR GB IE IT NL PT SE

DOCDB simple family (publication)

US 6230495 B1 20010515; CA 2273182 A1 19980604; EP 0941396 A1 19990915; WO 9823853 A1 19980604

DOCDB simple family (application)

US 31910799 A 19990729; CA 2273182 A 19971119; EP 9706466 W 19971119; EP 97951244 A 19971119